PATENT NUMBER and ISSUE DATE

U.S. UTILITY Patent Application

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**APPLICANTS		chi Osamı	u; Miyashita T	omoko; `	Yamagishi '	Yasuo; Omot	e Koji;
Imanaka Yoshih	ііко;				-		
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TITLE: Thin-film on manuracturing met	arcuit substrate au Thod thereof	nd manufa	acturing metho	od there	of, and a via	formed sub	strate and
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DK.		Unauthoriz	ed disclosure m 12, 181 and 368	my be pro	hibited by th	e United State	Code Title 35